

ABSTRACT OF THE DISCLOSURE

A power supply and power supply control device for an electronic equipment having a key-off function. A switching mode power supply is controlled by a key-off part and a power supply control part. A power key outputs a key-off signal in response to a manipulation of a user. The power supply is controlled by controlling an output of a pulse width modulator of the switching mode power supply. The key-off part outputs a power-off signal to stop an operation of the pulse width modulator in response to detecting that the key-off signal is output for a predetermined time. The power supply control part outputs a signal to start the operation of the pulse width modulator in response to an externally supplied power-on signal or an on state of a power switch. Holding the power switch in the on state for greater than the predetermined time generates an equivalent key-off signal.